

JUDICIAL COUNCIL OF CALIFORNIA

Administrative Office of the Courts 455 Golden Gate Avenue San Francisco, California 94102
415-865-4272 Telecommunications Device for the Deaf Web site: www.courtinfo.ca.gov/careers

EMPLOYMENT OPPORTUNITY

JOB TITLE: PRINCIPAL STRUCTURAL ENGINEER
CITY: SAN FRANCISCO, SACRAMENTO, BURBANK, CA
JOB REQUISITION: 2432

DEPARTMENT STATEMENT

The Principal Structural Engineer with the Design & Construction Services Unit, Office of Court Construction and Management, will manage structural studies and projects, and will take a leadership role in developing policies, standards, inspection procedures, and evaluation tools for structural design matters involving judicial branch facilities.

RESPONSIBILITIES

- Develop policies and procedures and implement a program for structural standards and review of capital projects and special repair projects including analysis of the existing court facilities database and master plan information;
- Develop and implement design review policy and procedures;
- Develop best practices and maintenance management measures including the review and update of standards on a routine basis, and a peer review system;
- Develop and implement a process for periodic structural inspection and evaluation of judicial branch facilities;
- Develop standards of structural general conditions and technical specifications for judicial branch projects;
- Conduct engineering and feasibility and economic studies and prepares reports on findings;
- Provide review of plans and specifications for constructability, owner's quality assurance, and contract adherence;
- Advise executive management on facility acquisition issues regarding structural components;
- Procure and manage structural and civil engineering consultant contracts;
- Investigate new structural design concepts and technical developments of systems for applicability to engineering problems;
- Prepare and maintain structural engineering standards and specifications to assure conformance to building codes and safety requirements and to improve the quality and economy of construction, maintenance, and operation;
- Perform general observation and advises staff construction inspectors on structural engineering problems encountered during construction;
- Participate in and contribute to the development of an emergency response program, particularly in the areas related to response during and after seismic events;
- Conduct research and make reports on structural systems, structural components, installation methods, and their application to judicial facilities;
- Conduct field investigations of structures to determine their structural safety and compliance with applicable laws and ordinances;
- Review structural material and other construction phase testing results for acceptance;
- Perform structural analysis of engineering plans submitted for agency approval;
- Confer with court staff on unusual aspects of structural design caused by occupancy or intended use; and
- Act in liaison with other agencies where the interests of private, city and/or county agencies and those of the judiciary are adverse to each other in order to reach an amicable compromise.

Must be available to work occasional evening and weekend hours and travel statewide as necessary.

QUALIFICATIONS

MINIMUM EDUCATION AND EXPERIENCE

Licenses and Certificates:

A valid Certificate of Registration as a Professional Engineer in Structural Engineering issued by the California State Board of Registration of Civil and Professional Engineers.

Education and Experience:

Graduation with Bachelor's degree from an accredited college with a degree in structural engineering is required. Eight years of professional engineering experience as an engineer in charge of important engineering works including their direction, planning, and design, including a minimum of two years of increasingly responsible management experience. This experience should include involvement with structural design and analysis for large commercial or governmental building projects. The required experience needs to include at least one year, or responsibility for a minimum of one significant assignment, that demonstrates ability to develop and implement a programmatic system for organizational management of structural aspects in facilities or construction.

Possession of a directly related postgraduate degree may substitute for one year of the required experience.

QUALIFICATIONS

Knowledge of:

- Principles and practices of structural engineering;
- State and federal codes and industry regulations pertaining to structural engineering features and building construction;
- Stress analysis, including the design of both statically determinate and indeterminate structures;
- Mathematics used in the solution of structural engineering problems, including graphic and mathematical analysis of stresses;
- Soil mechanics, testing, and application to building foundation design and construction;
- Relationship of structural engineering to the other engineering and architectural features of buildings;

Ability to:

- Develop programs and systems for statewide application regarding structural aspects for design, construction, and facility management;
- Provide technical review and advice tactfully and effectively;
- Provide sustained attention to complex plans and specifications and edit the work of others;
- Write clear, concise report and technical descriptions;
- Inspect and evaluate the quality of construction of structural elements;
- Identify problems in designs prepared by others;
- Plan, manage, and deliver multiple projects;
- Organize own work, set priorities, and meet critical deadlines;
- Plan, organize, review, and evaluate the work of consultants, contractors, and others;
- Operate personal computers and use specified computer applications, such as word processing, spreadsheet, and project management software;
- Prepare and deliver effective oral presentations;
- Prepare a variety of effective written materials;
- Establish and maintain effective working relationships with those contacted in the course of the work; and
- Use tact and discretion in dealing with those contacted in the course of the work.

HOW TO APPLY

To ensure consideration of your application for the earliest round of interviews, please apply immediately, however, this position will remain open until filled.

To complete an online application, please visit our Web site at www.courtinfo.ca.gov/careers/view.htm, select job category "Facilities (architect/engineer)", and search for Job Req. #2432, Principal Structural Engineer.

OR

To obtain a printed application, please visit:
Administrative Office of the Courts
455 Golden Gate Avenue, 7th Floor
San Francisco, California 94102-3688
415-865-4272 Telecommunications Device for the Deaf

PAY AND BENEFITS

San Francisco: \$8,042 - \$9,774 per month
(Starting salary may vary between \$8,042 and \$8,846 per month)

Burbank: \$7,816 - \$9,500 per month
(Starting salary may vary between \$7,816 and \$8,598 per month)

Sacramento: \$7,629 - \$9,272 per month
(Starting salary may vary between \$7,629 and \$8,392 per month)

Highlights of our benefits package include:

- Health/Dental/Vision benefits program
- 13 paid holidays per calendar year
- Choice of Annual Leave or Sick/Vacation Leave
- 1 personal holiday per year
- \$105 transit pass subsidy per month
- CalPERS Retirement Plan
- 401(k) and 457 deferred compensation plans
- Employee Assistance Program
- Basic Life and AD&D Insurance
- FlexElect Program
- Long Term Care Program (employee paid/optional)
- Group Legal Plan (employee paid/optional)

The Administrative Office of the Courts Is an Equal Opportunity Employer.